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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/510,891	10/08/2004	Mika P. Mustonen	879A.0031.U1(US)	8568

29683   7590   07/31/2007
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EXAMINER
ROBINSON, GRETA LEE

ART UNIT	PAPER NUMBER
2168	

MAIL DATE	DELIVERY MODE
07/31/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

PTOL-90A (Rev. 04/07)

	Application No.	Applicant(s)
Office Action Summary	10/510,891	MUSTONEN ET AL.
	Examiner	Art Unit	
	Greta L. Robinson	2168	

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>11 May 2007</u>.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1,3-6,8-14 and 16-19</u> is/are pending in the application.

　　4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1,3-6,8-14 and 16-19</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on <u>08 October 2004</u> is/are: a)☐ accepted or b)☒ objected to by the Examiner.

　　Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

　　Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

　　a)☐ All　b)☐ Some * c)☐ None of:

　　　1.☐ Certified copies of the priority documents have been received.

　　　2.☐ Certified copies of the priority documents have been received in Application No. _____.

　　　3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

　　* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO/SB/08)
　　Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
　　Paper No(s)/Mail Date. _____ .

5)☐ Notice of Informal Patent Application

6)☐ Other: _____ .

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1.   A request for continued examination under 37 CFR 1.114, including the fee set

forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this

application is eligible for continued examination under 37 CFR 1.114, and the fee set

forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action

has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on March

23, 2007 has been entered.

2.   Claims 1, 3-6, 8-14 and 16-19 are pending in the present application. Claims 2, 7

and 15 have been cancelled; and claims 1, 6, 12, 14 and 17 have been amended.

Drawings

3.   The drawings are objected to because Figures 2a and 2b overlap. Note there is

no clear distinction between Figure 2a and Figure 2b. Also, Figure 2b contains partial

views. See 37 CFR 1.84(h). Corrected drawing sheets in compliance with 37 CFR

1.121(d) are required in reply to the Office action to avoid abandonment of the

application. Any amended replacement drawing sheet should include all of the figures

appearing on the immediate prior version of the sheet, even if only one figure is being

amended. The figure or figure number of an amended drawing should not be labeled as

"amended." If a drawing figure is to be canceled, the appropriate figure must be

removed from the replacement sheet, and where necessary, the remaining figures must

be renumbered and appropriate changes made to the brief description of the several

views of the drawings for consistency. Additional replacement sheets may be necessary

to show the renumbering of the remaining figures. Each drawing sheet submitted after

the filing date of an application must be labeled in the top margin as either

"Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are

not accepted by the examiner, the applicant will be notified and informed of any required

corrective action in the next Office action. The objection to the drawings will not be held

in abeyance.

4. INFORMATION ON HOW TO EFFECT DRAWING CHANGES

Replacement Drawing Sheets

Drawing changes must be made by presenting replacement sheets which incorporate
the desired changes and which comply with 37 CFR 1.84. An explanation of the
changes made must be presented either in the drawing amendments section, or
remarks, section of the amendment paper. Each drawing sheet submitted after the
filing date of an application must be labeled in the top margin as either "Replacement
Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). A replacement sheet must include
all of the figures appearing on the immediate prior version of the sheet, even if only one
figure is being amended. The figure or figure number of the amended drawing(s) must
not be labeled as "amended." If the changes to the drawing figure(s) are not accepted
by the examiner, applicant will be notified of any required corrective action in the next
Office action. No further drawing submission will be required, unless applicant is
notified.

Identifying indicia, if provided, should include the title of the invention, inventor's name,
and application number, or docket number (if any) if an application number has not
been assigned to the application. If this information is provided, it must be placed on the
front of each sheet and within the top margin.

Annotated Drawing Sheets

A marked-up copy of any amended drawing figure, including annotations indicating the
changes made, may be submitted or required by the examiner. The annotated drawing

sheet(s) must be clearly labeled as "Annotated Sheet" and must be presented in the amendment or remarks section that explains the change(s) to the drawings.

Timing of Corrections

Applicant is required to submit acceptable corrected drawings within the time period set in the Office action. See 37 CFR 1.85(a). Failure to take corrective action within the set period will result in ABANDONMENT of the application.

If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings MUST be filed within the THREE MONTH shortened statutory period set for reply in the "Notice of Allowability." Extensions of time may NOT be obtained under the provisions of 37 CFR 1.136 for filing the corrected drawings after the mailing of a Notice of Allowability.

Claim Rejections - 35 USC § 103

5.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

6.   Claims 1, 3-6, 8-14 and 16-19 are rejected under 35 U.S.C. 103(a) as being

unpatentable over Boroumand et al. US Patent Application Publication No.

2002/0156870 A1 in view of Henricksen *Adapting the Web Interface: an Adaptive Web*

Browser.

Regarding claim 1, Boroumand et al. teaches a method for making it easier to process

user specific information at an information processing device, which method uses a

network browser installed on said information processing device, which method uses a

network browser installed on said information processing device for searching,

processing and presenting information, the network browser comprising at least as

address field and virtual function keys associated with it, wherein the address field and

virtual keys are modified so as to be in accordance with the service used at the time

[see: paragraphs 0007, 0014 and 0022], wherein the modification of the address field

and virtual keys is based on alphanumeric data input of the user in the network browser

address field [note: paragraph 0072-0074; and Figure 6]. Although Boroumand et al.

teach the invention substantially as cited above, they do not explicitly teach that the

modification of the address field and virtual keys is based on alphanumeric data input of

the user. Henricksen et al. teaches an adaptive web browser in which adaptation of the

web interface can be designed and implemented in many forms, such as by user input

[see: page 21, abstract; section two Adaptation, "Classes of adaptation that can be

employed by web browser include, but are not limited to those listed in table 1"; page 22 Table

1 Adaptation Classes; also note sections 2.2 and 2.3 "In order to support a range of device

types with varying input output capabilities, as well as different modes of interaction depending

on the user's capabilities, preferences and activities, it is necessary for the browser to be

capable of dynamically adapting its interface to the context"]. It would have been obvious to

one of ordinary skill at the time of the invention to have combined Henricksen et al. with

Boroumand et al. because Henricksen et al. teaches classes of adaptation may be

employed by the web browser interface through design to support an increasing range

of the web's ability. Henricksen et al. teaches the web must be able to adapt and

support a changing network [page 23 section 3.1 HTTP Support for adaptation].

Regarding claim 3, Boroumand et al. teaches wherein the information processing device is connected via a communications network [see: paragraph 0082].

Regarding claim 4, Boroumand et al. teaches wherein the network browser at the information processing device is used to open a service provider's www page [note: paragraph 0035].

Regarding claim 5, Boroumand et al. teaches wherein the input data fields on the www page are filled out by entering information in the service specific address field [note: paragraph 0014].

Regarding claim 6, Boroumand et al. teaches an address field with associated virtual function keys belonging to a network browser installed at an information processing device [note: paragraphs 0072-0074; Figure 6].

Regarding claim 8, Boroumand et al. teaches wherein said service used is one of the following: telephone service, calculator, payment, information search [note: paragraphs 0028-0030; Figure 1].

Regarding claim 9, Boroumand et al. teaches the virtual keys of the network browser are modified so as to make the use of the service easier [note: paragraph 0035].

Regarding claim 10, Boroumand et al. teaches computer code for realizing a network

browser according to claim 6 at an information processing device [note: paragraph

0031].

Regarding claim 11, Boroumand et al. teaches computer code for realizing a network

browser according to claim 10 at an information processing device [note: paragraph

0031; and paragraphs 0039-0040].

Regarding claim 12, Boroumand et al. teaches a www page server connected to a

communications network ... [note: paragraphs 0039-0043, 0072-0074 and Fugure 6].

Regarding claim 13, Boroumand et al. teaches wherein the address field and virtual

function keys associated with the www page are arranged to be modified ... [note;

paragraph 0051].

Regarding claim 14, Boroumand et al. teaches a communications network terminal [see:

paragraphs 0022, 0050, 0100, 0101, 0106, and 0072-0074; Figure 6].

Regarding claim 16, Boroumand et al. teaches which is a terminal of a cellular network

[note; paragraph 0029-0030, 0038 and 0106].

Regarding claim 17, Boroumand et al. teaches a display [0105], processor [0101], a

browser software application [note; paragraphs 0031-0032, 0104, 0028-0030, 0066-

0064; Figure 6].

Regarding claim 18, Boroumand et al. teaches wherein the entry of the address occurs

through a user typing in the address in the address input field [note; paragraphs 0028-

0030; Figure 6].

Regarding claim 19, Boroumand et al. teaches wherein the plurality of services

comprises telephone service ... [note; paragraphs 0028-0030; Figure 1].

Response to Arguments

7.   Applicant's arguments with respect to claims 1, 3-6, 8-14 and 16-19 have been

considered but are moot in view of the new ground(s) of rejection. In the response

Applicant argued Boroumand et al. does not teach modification of the address field

based on alphanumeric data input of the user in the network. In response to Applicant's

argument note newly cited reference Henricksen et al. combined with Boroumand et al.

supra.

Conclusion

8.   The prior art made of record and not relied upon is considered pertinent to
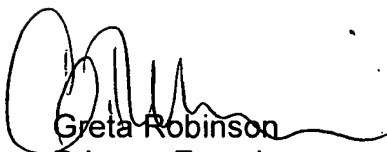
applicant's disclosure.

Royer et al. US Patent 7,127,609 B2

9.   Any inquiry concerning this communication or earlier communications from the
examiner should be directed to Greta L. Robinson whose telephone number is
(571)272-4118. The examiner can normally be reached on M-F 9:30AM-6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's
supervisor, Tim T. Vo can be reached on (571)272-3642. The fax phone number for the
organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the
Patent Application Information Retrieval (PAIR) system. Status information for
published applications may be obtained from either Private PAIR or Public PAIR.
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you have questions on access to the Private PAIR system, contact the Electronic
Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a
USPTO Customer Service Representative or access to the automated information
system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Greta Robinson
Primary Examiner
July 25, 2007